

REGISTER OF ARTICLES

8779-8797

137:1 July 62

8779	Observations on the antifibrillatory activity of 1,10-phenanthroline on the rabbit heart. S. Rothman, W.C. Yand, J.L. Webb-----	1
8780	Ventricular arrhythmias following the administration of Na ₂ EDTA. W.G. Nayler-----	5
8781	Chronotropic response following direct electrical stimulation of the isolated sinoatrial node: A pharmacologic evaluation. D.W. Amory, T.C. West.-----	14
8782	Therapeutic and toxic effects of ouabain on K-ion fluxes in rabbit atria. R.S. Tuttle, P.N. Witt, A. Farah.-----	24
8783	Some interactions of guanethidine, cocaine, methylphenidate and phenylalkylamines in rabbit aortic strips. R.A. Maxwell, A.I. Daniel, H. Sheppard, J.H. Zimmerman.-----	31
8784	Attenuation of cardiovascular responses to exercise as a possible basis for effectiveness of monoamine oxidase inhibitors in angina pectoris. L.I. Goldberg, D. Horwitz, A. Sjoerdsma.-----	39
8785	The ability of tyramine to liberate catecholamines <i>in vivo</i> . N. Weiner, P.R. Draskoczy, W.R. Burack.-----	47
8786	The effect of cocaine and of pretreatment with reserpine on the uptake of tyramine-2-C ¹⁴ and <i>dl</i> -epinephrine-2-C ¹⁴ into heart and spleen. N. Weiner, U. Trendelenburg.-----	56
8787	Studies on veratrum alkaloids. XXXIII. The action of some esters of germine with acetic acid on the sartorius muscle of the frog. W. Flacke.-----	62
8788	Nicotinic and muscarinic activity of phenacyl and phenylalkyl trimethylamines. K.C. Wong, J.P. Long.-----	70
8789	The physiological disposition of dichloromethotrexate-C ¹³⁶ in animals. V.T. Oliverio, J.D. Davidson.-----	76
8790	Model metabolites of chlorpromazine and promazine: Relative activities in some pharmacological and behavioral tests. H.S. Posner, E. Hearst, W.L. Taylor, G.J. Cosmides.-----	84
8791	Physiological disposition and fate of C ¹⁴ -labelled nicotine in mice and rats. E. Hannson, C.G. Schmitterlow.-----	91
8792	Stimulation of hepatic microsomal drug metabolism in the newborn and fetal rabbit. L.G. Hart, R.H. Adamson, R.L. Dixon, J.R. Fouts.-----	103
8793	The effect of emetine on the oxidation of succinate by heart homogenates. H.C. Heim, H.C. Froede, V.G. Erwin.-----	107
8794	On the relationship of brain <u>gamma</u> -aminobutyric acid to convulsions. E.W. Maynert, H.K. Kaji.-----	114
8795	Effect of diacetylmonoxime on the action of convulsant and sedative-hypnotic barbiturates. J.D. Gabourel, J.P. Comstock	122
8796	Effects of centrally acting drugs on the correlation of electrocortical activity and wakefulness of cats. Z.P. Horovitz, M. Chow.-----	127
8797	Central nervous system effects of hyoscine in man. A.M. Ostfeld, A. Aruguete.-----	133

REGISTER OF ARTICLES

8798-8816

137:2 Aug 62

- 8798 Metabolism and excretion patterns of fluorescein and certain halogenated fluorescein dyes in rats. J.M. Webb, M. Fonda, E.A. Brouwer,----- 141
- 8799 The metabolism and excretion of S³⁵-chlorpromazine by the rat. J.L. Emmerson, T.S. Miya,-----148
- 8800 Detection and distribution of chloroquine metabolites in human tissues. K. Kuroda,----- 156
- 8801 Assay for 4-amino folic acid analogues by inhibition of folic acid reductase. W.C. Werkheiser, S.F. Zakrzewski, C.A. Nichol,----- 162
- 8802 The relation of folic acid reductase to aminopterin toxicity. W.C. Werkheiser,----- 167
- 8803 6-Aminonicotinamide, a central nervous system depressant. H.M. Redetzki, F. Alvarez-O'Bourke,----- 173
- 8804 Ethanol induced hypoglycemia in oxythiamine treated animals. J.E. Wilson, W.C. Clark, H.R. Hulpieu,----- 179
- 8805 Influence of ouabain on an exchangeable calcium fraction, contractile force, and resting tension of guinea-pig atria. H. Lullmann, W. Holland,----- 186
- 8806 Acetylcholine-atropine antagonism on the refractory period of the dog atrium *in situ*. M.L. Torchiana, E.T. Angelakos,-- 193
- 8807 The cardiovascular and extravascular smooth muscle actions of chlorphentermine hydrochloride (p-chloro-alpha,alpha-dimethylphenethylamine) — a new anorexigenic agent. G.C. Boxill, M. Ben, I.W. Hillyard, M.R. Warren,----- 198
- 8808 Mechanism of the positive chronotropic response to nicotine. F.E. Leaders, J.P. Long,----- 206
- 8809 Some characteristics of the isolated sympathetic nerve-pulmonary artery preparation of the rabbit. J.A. Bevan,----- 213
- 8810 A study of sympathetic ganglionic stimulants. B. Levy, R.P. Ahlquist,----- 219
- 8811 The effects of guanethidine on the adrenal medulla. W.J. Athos, B.P. McHugh, S. E. Fineberg, J.G. Hilton,----- 229
- 8812 Modification by guanethidine of the chronotropic action of sympathomimetic amines in the heart-lung preparation of the dog pretreated with reserpine. M.H. Alper, J. Schmier,----- 235
- 8813 Reduction of neuromuscular blocking activity of quaternary compounds by gangliosides. R.L. Irwin, E.G. Trams,----- 242
- 8814 Block of conduction by acetylcholine and d-tubocurarine after treatment of squid axon with cottonmouth moccasin venom. P. Rosenberg, T.R. Podleski,----- 249
- 8815 Evaluation of boron compounds for use in neutron capture therapy of brain tumors. II. Studies in man. W.H. Sweet, A.H. Soloway, R.L. Wright,----- 263

137:3 Sept 62

- 8816 Observations on the frequency dependence of sympathetic ganglion blockade. W.K. Riker, A. Komalahiranya,----- 267

REGISTER OF ARTICLES

137:3 Sept 62

8817-8832

8817	The cardiovascular pharmacology of <u>t</u> -butylamine. T. Baum, K.R. Hornbrook, H. Vasquez-Leon, D.R. Bennett-----	275
8818	Bulbocapnine: An adrenergic and serotonin blocking agent. E.J. Walaszek, J.E. Chapman.-----	285
8819	The action of dichloroisoproterenol (DCI) and several other pharmacological agents upon the aconitine-induced ven- tricular arrhythmia in the isolated rabbit heart. B.R. Lucchesi.-----	291
8820	The role of myocardial catecholamines in the response to tyramine. T.E. Gaffney, D.H. Morrow, C.A. Chidsey.-----	301
8821	Studies on veratrum alkaloids. XXXIV. Actions of veratramine on spontaneously beating guinea-pig atrium preparations. D.F. Hawkins.-----	306
8822	Studies on the respiratory and cardiovascular effects of (-)-cotinine. J.F. Borzelleca, E.R. Bowman, H. McKennis, Jr.-	313
8823	Effect of hydrochlorothiazide on renal electrolyte gradient in glucose diuresis and experimental diabetes insipidus. J.E. Baer, A.V. Brooks, R.M. Noll, K.H. Beyer.-----	319
8824	Involvement of the distal tubule in diuresis produced by benzothiadiazines. E.J. Cafruny, C. Ross.-----	324
8825	Effects of an inhibitor of the cholinesterase system of brain and cerebrospinal fluid. M.B. Bowers, Jr., G.W. Ketner.-----	329
8826	Neurologic, neuropathologic, and neurochemical effects of prolonged administration of phenylisopropylhydrazine (JB 516), phenylisobutylhydrazine (JB 835), and other monoamine oxidase inhibitors. H.M. Maling, B. Highman, S. Spector.-----	334
8827	Neuropathologic lesions in dogs after prolonged administration of phenylisopropylhydrazine (JB 516) and phenylisobutyl- hydrazine (JB 835). B. Highman, H.M. Maling.-----	344
8828	Central effects of <u>beta</u> -phenylisopropylhydrazine and ipron- iazid. A.R. Furgiuele, W.J. Kinnard, J.P. Buckley.-----	356
8829	Some determinants of amphetamine toxicity in aggregated mice. G.B. Fink, R.E. Larson.-----	361
8830	Chlorphentermine, a new anorectic agent. J.A. Gyls, J.J.D.Hart, M.R. Warren.-----	365
8831	The effect of anabolic steroids on drug metabolism by micro- somal enzymes in rat liver. J. Booth, J.R. Gillette.-----	374
8832	On the effect of triparanol on the adrenal cortex of the rat: A histochemical study. A. Eisalo, S. Talanti.-----	380
INDEX (8779-8832) Volume 137. July-September 1962.-----		386